

# 150

The temperature control unit for oil up to 150 °C and water up to 90 °C

- Control system RT200
- Pump with high flow rate: 70 l/min
- High cooling capacity



## Technical specifications

Heat transfer medium		Outlet temperature		Heating capacity at 400V		Cooling capacity		Pump capacity/Type		
Water	Oil	90 °C	150 °C	6 / 12 / 18 kW	6 / 12 kW	140 °C	58 kW	TP20	60 l/min	0.5 kW
						140 °C	75 kW	TS22	70 l/min	0.92 kW

## Technical data

<b>Outlet temperature</b>			
max.	°C	90	150
<b>Heat transfer medium</b>		Water	Oil
Filling quantity	l	17.6	17.6
Expansion volume	l	6.0	6.0
<b>Heating capacity at 400V</b>	kW	6 / 12 / 18	6 / 12
<b>Cooling capacity</b>	kW	58	75
Cooler		1K	2K
at outlet temperature	°C	140	140
at cooling water temperature	°C	20	20
<b>Pump capacity/Type</b>		TP20	TS22
Flow rate max.	l/min	60	70
Power consumption	kW	0.5	0.92
Pressure max.	bar	3.8	5.4
<b>Control system</b>		RT100 / RT200	
Measuring mode (standard)		Pt100	
<b>Operating voltage</b>	V/Hz	200-600 V, 50/60 Hz	
<b>Connections</b>			
Outlet/Inlet		G3/4"	
Cooling water mains		G1/2"	
<b>Degree of protection</b>		IP40	
<b>Dimensions W/H/D</b>	mm	346/690/728	
<b>Weight</b>	kg	78	
<b>Color</b>	RAL	7035/7024	
<b>Ambient temperature</b>			
max.	°C	40	
<b>Noise level</b>	db (A)	< 70	

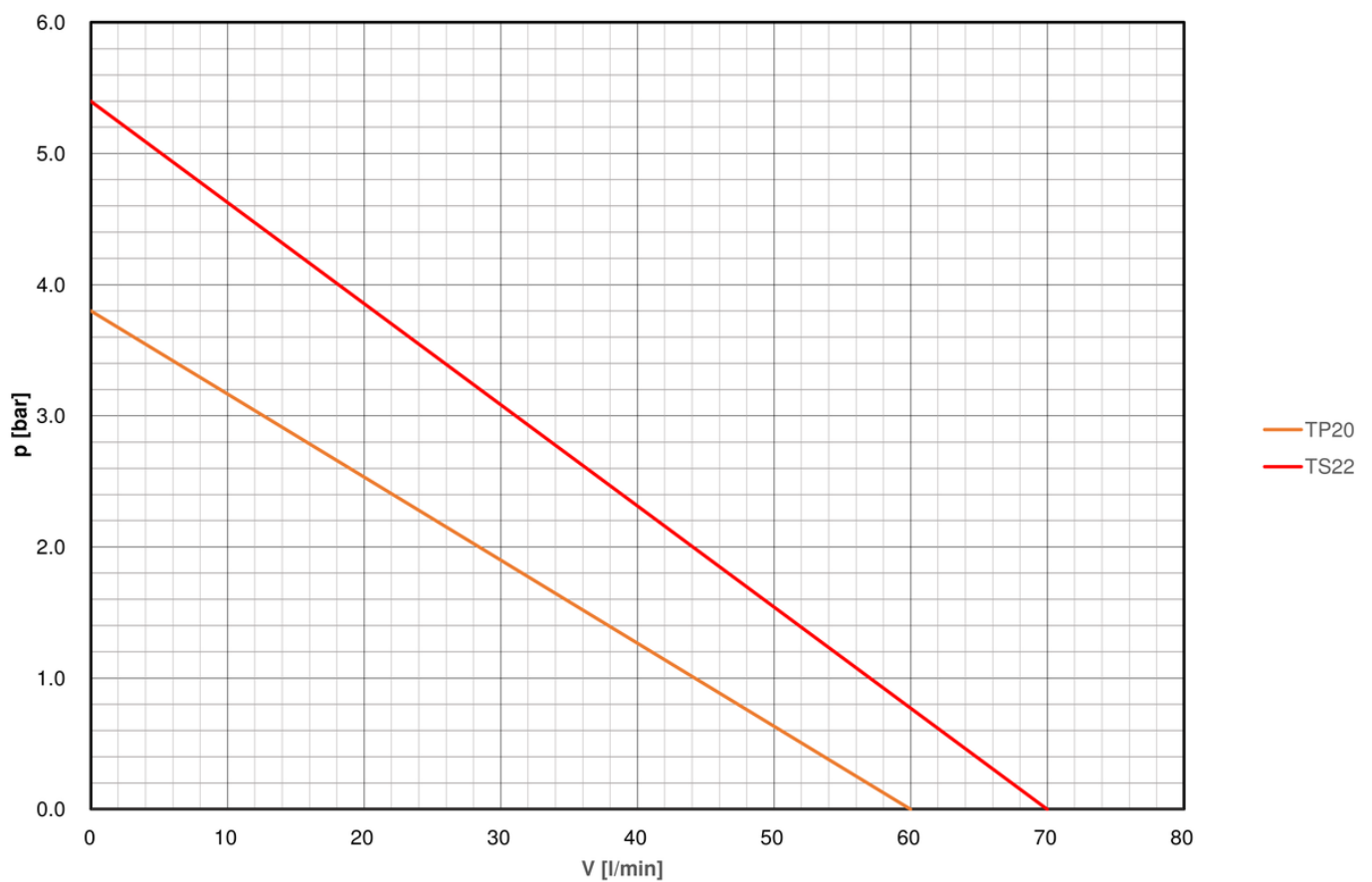
## Standard equipment

- Filter in cooling water circuit
- Leak-free pump
- Water circuit of non-rusting materials
- Solid-state relay (SSR) instead of heating contactor
- RT200 control system

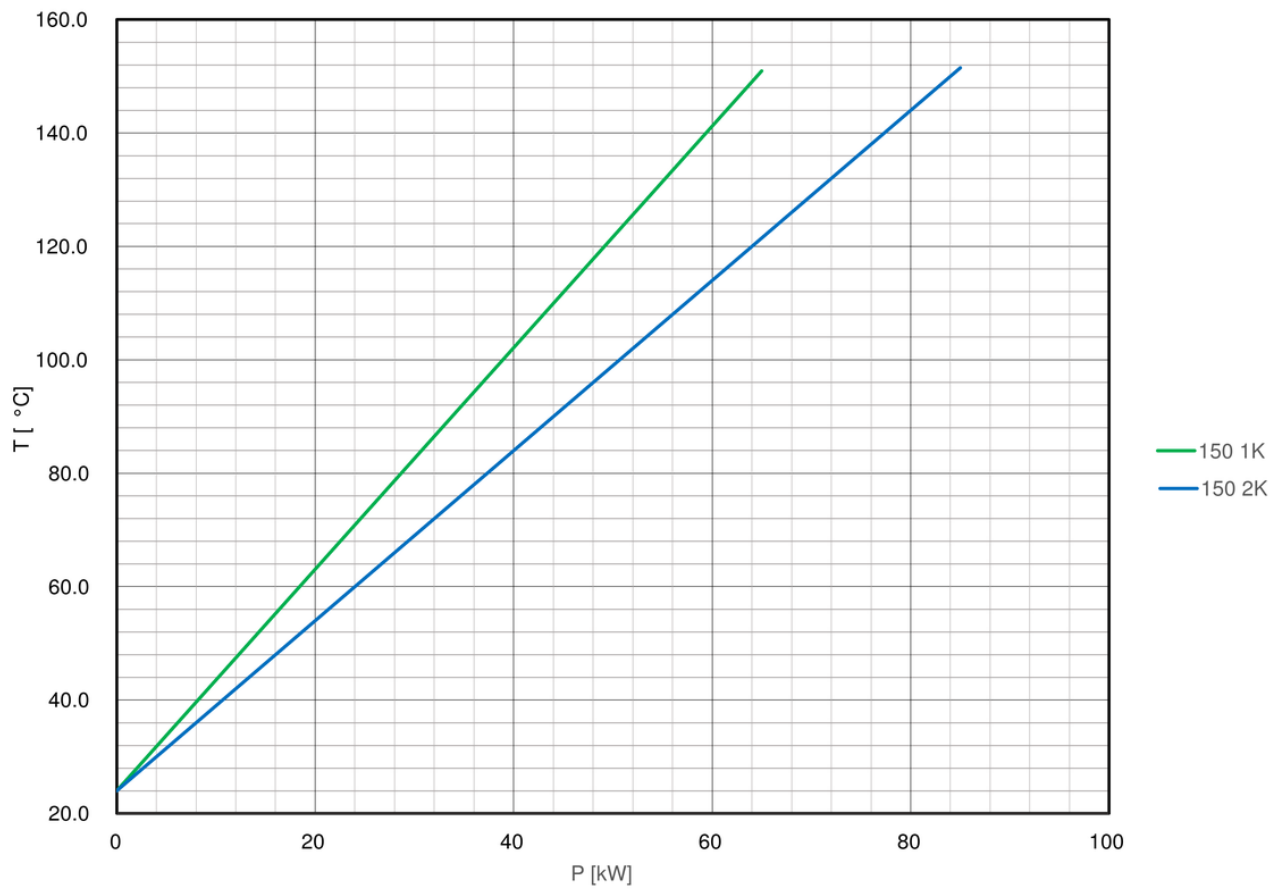
## Options

- Electronic flow measurement
- RT100 control system

## Pump curve



## Cooling curve



## Representation Switzerland

### Injection Molding, Die Casting, other Applications

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